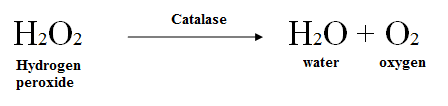
 Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

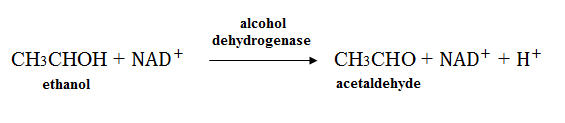
**Demo: The Flaming Liver Latte**

**1.** What is function of a liver in the human body?

**2.** Catalase and alcohol dehydrogenase are two enzymes that are found inside the liver. Below is a decomposition reaction that is mediated by catalase. Please balance the equation below.



**3.** Alcohol dehydrogenase mediates a redox reaction which is displayed below. Put the letter “O” above the molecule that is oxidized and an “R” above the molecule that has been reduced.



**4**. Predict what you would happen and what you would see if a piece of liver was dropped into the solution of hydrogen peroxide and ethanol.

**5.** What are the 3 components that are needed in every combustion reaction?

**6.** Predict whether or not the liver solution would combust if it was exposed to a flame. After the demonstration is over, record what you observed happen, and give an explanation to for the reaction that occurred.